

Practical Plan

Name of the college: Govt. College of Arts, Science and Com. Sanquelim, Goa

Name of Faculty: Varsha Sail **Subject:** Chemistry

Paper code: CHP-307, project **Program:** T.Y. BSc **Division:** A

Academic year: 2026 - 2027 **Semester:** V **Total Practicals/Labs:** 10

Credits: 02

Course Objectives: Revisiting qualitative estimation without using sulphide reagents

Expected Course Outcome: Student should be able to understand the chemistry involved in qualitative analysis, understand use of substituted reagents

Student Learning Outcome: Student are introduced to different test involved in qualitative estimation.

Month	Practicals/Labs Scheduled Date	No. of Practicals/Labs planned	List of Experiments	Reference books
				G.H. Jeffery, J. Bassett, J. Mendham, R. C. Denney, Vogel's Textbook of Qualitative analysis Chemical Analysis, 5 th Edn. ELBS Reference books :
June	19th	27th	Discussion	
July	29 th June	4 th July	Discussion n planning	
	6th	11th	Preparation of solutions	

	13 th	18 th	Preparation of data sheet	1. J. Mendham, R. C. Denney, J.D. Barnes, M. Thomas, B. Sivasankar, Vogel's Textbook of Quantitative Chemical Analysis, 6 th Edn. Pearson 2. S. Ratan, Experiments in Applied Chemistry, 3 rd Edn. S.K. Kataria & Sons 3. O. P. Pandey, D. N. Bajpai and S. Giri, Practical Chemistry, Revised Edn. S. Chand.
	20 th	25 th	Preparation of mixture for analysis	
	27 th	1 st Aug	Analysis/Estimation /Calculations	
August	3 rd	8 th	Analysis/Estimation /Calculations	
	10 th	14 th 15 Holiday	Analysis/Estimation /Calculations	
	17 th	22 nd	Analysis/Estimation /Calculations	
	24 th 26 th holiday	29 th	Analysis/Estimation /Calculations	
	31 st Aug	5 th	Analysis/Estimation /Calculations	
September				
	7 th	12 th	Analysis/Estimation /Calculations	
	14 th	19 th	Analysis/Estimation /Calculations	
	21 st	26 th	Analysis/Estimation /Calculations	
	28 th	3 rd oct	Analysis/Estimation /Calculations	
october				

	5 th	10 th		
	12 th	14 th		